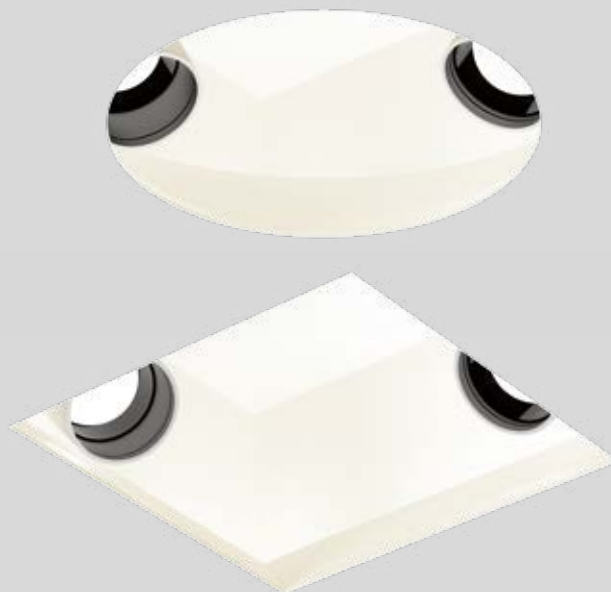


# CAVO

## round / square trimless

[xal.com/cavo](http://xal.com/cavo)



### Quickinfo

#### GENERAL

recessed trimless  
IP20  
patented

#### LED

up to 74 lm/W  
3000 K  
CRI ≥ 90

#### ESTIMATED LED LIFETIME

L80/50000 h

#### OPTICAL

direct illumination  
beam angle 14°, 23°

#### ELECTRICAL

220–240 V  
non DIM, DIM DALI

#### PHYSICAL

aluminium, gypsum  
powder-coated  
housing: glow, no glow

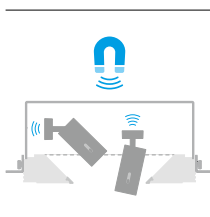
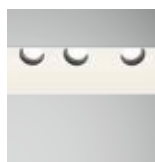
### Description

**DE** Einbaugehäuse aus Stahlblech für randlosen Einbau in Gipskartondecken, Unterseite aus aluminiumverstärktem Gips; wahlweise mit rundem oder quadratischem Ausschnitt; kein Ausbrechen der Kanten; bis zu 3 zylindrische Strahlerköpfe mittels Magnethalter werkzeuglos einsetzbar; einfacher elektrischer Anschluss der Strahler durch verpolungssichere Plug&Play Verbindung; Strahlerkopf 360° dreh- und 90° schwenkbar; Oberfläche weiß oder schwarz pulverbeschichtet; optional: Indirektlichtanteil im Gehäuse mittels DALI stufenlos dimmbar; passive Kühlung der LEDs durch optimierte Kühlkörpergeometrie; mit COB (Chip on Board) Technologie für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in der Lichtfarbe 3000 K; CRI ≥ 90; min. 80 % des Lichtstromes nach 50000 h Lebensdauer; gute Entblendung durch zurückversetzte Lichtpunktebene; inkl. hochwertiger Linsenoptik; präzise Abstrahlcharakteristik mit verschiedenen Ausstrahlwinkeln; Schutzart IP20; SK II; Hot Plug-Schutz; optional nicht dimmbar; flimmerfreier Sehkomfort durch analoge Stromstärkenregelung (Minimalwert 1%)

**EN** Recessed housing made of pressed steel sheet for flush installation in plasterboard ceilings, underside of aluminium-reinforced plaster; alternatively with round or square cut-out; no break-out of edges; up to 3 cylindrical spotlight heads can be installed without tools by means of magnetic holders; simple electrical connection of the spotlights due to non-reversible plug and play connection; spotlight head rotates 360° and tilts 90°; surface powder coated in white or black; optionally: indirect light component in housing continuously adjustable dimming via DALI; passive cooling of LEDs with optimised heat sink geometry; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colour 3000 K; CRI ≥ 90; min. 80 % of the luminous flux after 50000 hours; good glare reduction due to recessed light point plane; incl. high quality lens system; precise radiation characteristics with different beam angles; protection class IP20; PC II; hot plug protection; optional non-dimmable; flicker-free visual comfort through analogue current control (minimum value 1%)

### Features

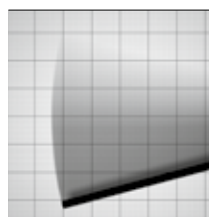
CAVO system  
trimless  
page 458



magnetic holders for  
tool-free mounting



hot plug safe



flicker-free dimming  
(minimum value of 1%)



optical accessories  
(maximum 1 piece)

### Standard configuration

**COLOUR TEMPERATURE**  
3000K 5

**CONTROL** ▶  
DIM DALI 3

**MATERIAL COLOUR** ▶  
white 7  
black 8



**REFLECTOR** ▲  
medium 23° M

### Extended configuration

**CONTROL** ▶  
non DIM 1

**REFLECTOR** ▲  
spot 14° S

### Options on request

**COLOUR TEMPERATURE**  
1800–3000K CWD

**CONTROL**  
ZigBee 3.0

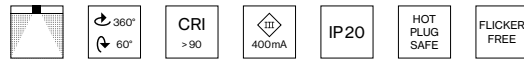
**REFLECTOR**  
super spot 8°

### OPTICAL ACCESSORIES

elliptical sculpture foil  
snoot  
colour filter (red, blue, green, etc.)  
only for JUST 32 FOCUS



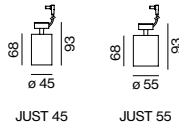
### JUST 32 FOCUS 17–43°



**SYSTEM POWER** 5 W **COLOUR TEMP.** 3000K **LUMINOUS FLUX** 250lm **ORDER CODE** 0 4 9 - 8 2 1 1 5 3 ▶  
max. 3 spotlights 5W

### LIGHT DISTRIBUTION

min. angle 17°			max. angle 43°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	1561	0,30	1	449	0,80
2	390	0,59	2	112	1,59
3	173	0,89	3	49	2,39
4	97	1,19	4	28	3,18
5	62	1,49	5	17	3,98



### JUST 45 / 55



**JUST 45**  
**SYSTEM POWER** 9 W **COLOUR TEMP.** 3000K **LUMINOUS FLUX** 670lm **ORDER CODE** 0 4 9 - 8 3 0 2 5 3 ▶ M  
max. 3 spotlights 9W

**JUST 55**  
**SYSTEM POWER** 15 W **COLOUR TEMP.** 3000K **LUMINOUS FLUX** 1090lm **ORDER CODE** 0 4 9 - 8 4 0 0 5 3 ▶ M  
max. 1 spotlights 15W + 1 spotlight 9W

### LIGHT DISTRIBUTION

JUST45 medium 23°			JUST 55 spot 14°			JUST 55 medium 23°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	3387	0,40	1	10212	0,25	1	4449	0,40
2	846	0,81	2	2553	0,50	2	1112	0,80
3	376	1,21	3	1134	0,76	3	494	1,21
4	211	1,61	4	638	1,01	4	278	1,61
5	135	2,02	5	408	1,26	5	177	2,01

### Mounting accessories

**MOUNTING HOUSING 1 DALI address, max. 27W**  
for trimless installation in plasterboard ceilings 8-25mm,  $\blacksquare$  4,5 kg

TYPE	L-W-H (mm)	ORDER CODE
round	260:260:120	0 4 9 - 8 8 0 3 0 <span style="color: blue;">▶</span> <span style="color: blue;">▶</span>
square	260:260:120	0 4 9 - 8 8 1 3 0 <span style="color: blue;">▶</span> <span style="color: blue;">▶</span>

incl. power supply 220–240V AC, 50–60Hz, ENEC approved

**MOUNTING HOUSING WITH GLOWING (3000K) 2 DALI addr., max. 27W**  
for trimless installation in plasterboard ceilings 8-25mm,  $\blacksquare$  4,5 kg

TYPE	L-W-H (mm)	ORDER CODE
round	260:260:120	0 4 9 - 8 8 2 3 5 <span style="color: blue;">▶</span> <span style="color: blue;">▶</span> <span style="color: blue;">▶</span> <span style="color: blue;">▶</span>
square	260:260:120	0 4 9 - 8 8 3 3 5 <span style="color: blue;">▶</span> <span style="color: blue;">▶</span> <span style="color: blue;">▶</span> <span style="color: blue;">▶</span>

incl. power supply 220–240V AC, 50–60Hz, ENEC approved

### Optical accessories

#### HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
JUST 32 FOCUS	30-4	0 0 7 - 1 9 6 5 1 6 8
JUST 45	42-3	0 0 7 - 1 9 6 5 1 8 8
JUST 55	50-3	0 0 7 - 1 9 6 5 1 9 8

